

ELECTRICITY USE ENVIRONMENTAL MANAGEMENT PROGRAM- 02**A. Significant Environmental Aspect:**

Use of electricity in operation of computer
Use of electricity for illumination of office space
Use of Electricity in Operation of Business Machines
Use of Electricity for Air Conditioning and Ventilation

B. Document Control Code:

EPA-R3-EMP-02-00

C. Date:

11/4/03

1. Objective(s): N/A**2. Target(s):** Target 2.2: Explore options for reducing electricity use in the building by the end of Fiscal Year 2005. The Fiscal Year or FY runs from October 1 through September 30**3. Reason for Significance:**

See Procedure for Identifying Significant Environmental Aspects - Approach

Link - <http://www.epa.gov/region3/ems/r3manual2a.htm#p-aspects>**4. Potential Environmental/Organizational Impacts:** <http://www.epa.gov/region3/ems/activities.htm>**5. Legal and Other Requirements (Specify): 5. Specific Legal and Other Requirements:**

Legal - N/A

Executive Order 13101: Greening the Government Through Efficient Energy Management

<http://www.epa.gov/fedsite/eo13101.htm>

Executive Order 13148: Greening the Government Through Leadership in Environmental Management

<http://www.epa.gov/fedsite/eo13148.htm>**6. Performance Indicator(s), Program Description, Budget and Responsibility:**

Periodically, building surveys will be conducted after-hours to determine how many employees and contractors leave their task lights or computers on overnight. The first of these surveys was conducted on August 3, 2003 and will serve as a baseline. It showed that approximately 6% of computers are left on overnight in the R3 office, and about 10% of task lighting remains lit overnight. A second survey conducted on September 4, 2003 showed that approximately 1% of computers are left on overnight in the R3 office, and about 6% of task lighting remains lit overnight.

The Building and Business Machines Work Plans <http://www.epa.gov/region3/ems/building.pdf> and <http://www.epa.gov/region3/ems/machines.pdf> have lists of specific tasks, the person responsible for those tasks, intermediate deadlines and the resources needed to achieve the objectives and targets above.

7. Corresponding Operational Control related to this EMP:

Electricity Use in the Work Station and Common Areas - Operational Control -02

Paper and Electricity Use in Printing and Copying Operational Control - 04

Electricity Use for Air Conditioning and Ventilation of Office Space -06

8. Record(s) and Documents:**Person Responsible and Location:**

The Chairpersons of the Building Work Group will store the results of our surveys of employee compliance with turning off their lights and computers in files located at L:share/sdonohue/EMS/building. The Chairpersons of the Business Machines Work Group may also generated records for energy savings from PC and copiers. The Chairpersons may file or turn over to the EMS Coordinator other records generated during the accomplishment of the task listed in the Building and Business Machines Work Plans. The EMS Coordinator will be responsible for training records.

9. Competence of persons responsible on basis of training, education, or experience:

The Chairperson of the Building and Business machines Work Groups were selected based on their background, experience and education.